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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Benjamin A. Haskell et al. Patent No.: 7,220,658
Serial No.: 10/537,644 Issue Date: May 22, 2007
Filed: June 6, 2005 Docket: G&C 30794.93-US-WO
Title: GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY
HYDRIDE VAPOR PHASE EPITAXY

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 18, 2008.

By: Barbara Senty
Name: Barbara Senty

MAIL STOP PETITION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

We are transmitting herewith the attached:

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Request Under 37 CFR §3.81(b).
- ☒ Charge the additional fees in the amount of \$130.00 to the Deposit Account.
- ☒ Copy of PTO Communication dated 4/2/08.
- ☒ Copy of Notice of Recordation of Assignment Document.
- ☒ Copy of previously filed Request for Certificate of Correction.
- ☒ Return postcard.

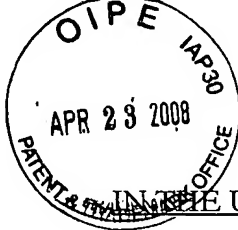
Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

Customer Number 22462
GATES & COOPER LLP
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: George H. Gates
Name: George H. Gates
Reg. No.: 33,500
GHG/bjs

(PTO TRANSMITTAL - GENERAL)



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Benjamin A. Haskell et al. Patent No.: 7,220,658
Serial No.: 10/537,644 Issue Date: May 22, 2007
Filed: June 6, 2005 Docket: G&C 30794.93-US-WO
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GALLIUM NITRIDE BY HYDRIDE VAPOR PHASE EPITAXY

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I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on April 18, 2008.

By: *Barbara Senty*
Name: Barbara Senty

REQUEST UNDER 37 C.F.R. §3.81(b)

MAIL STOP PETITIONS

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

This is a request under 37 C.F.R. §3.81(b) for the above-identified patent to be corrected to state the name of a co-assignee, namely "Japan Science and Technology," in addition to the co-assignee already listed on the patent, namely "The Regents of the University of California."

This request is being submitted in response to a communication from the Office dated April 2, 2008, a copy of which is attached.

Accompanying this request is a copy of the Notice of Recordation of Assignment Document regarding an assignment to Japan Science and Technology Agency that was submitted for recordation before issuance of the patent, as required under 37 C.F.R. §3.11. Applicants' attorney notes that the Notice of Recordation of Assignment Document is directed to parent PCT Application No. PCT/US03/21918, and the assignment that was recorded covers the parent PCT Application No. PCT/US03/21918, as well as all legal equivalents resulting therefrom, including the above patent, which claims priority from the parent PCT Application No. PCT/US03/21918.

Also accompanying this request is a request for a certificate of correction under 37 C.F.R. §1.323.

04/23/2008 ETECLE1 00000001 500494 10537644

01 FC:1464 130.00 DA

Finally, the Office is hereby authorized to charge Deposit Account 50-0494 of Gates & Cooper LLP in the amount of \$130.00 to cover the processing fee set forth in 37 C.F.R. §1.17(i). As noted in communication from the Office dated April 2, 2008, the fee set forth in 37 C.F.R. §1.20(a) was previously submitted, and thus no additional fee is require.

Nonetheless, the Office is hereby authorized to charge any additional fees or credit any overpayments to Deposit Account 50-0494.

Should the Office have any questions or concerns about this matter, please contact the below-listed attorney of record.


Respectfully submitted,

GATES & COOPER LLP
Attorneys for Applicants

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: April 18, 2008

GHG/

By: 
Name: George H. Gates
Reg. No.: 33,500

G&C 30794.93-US-WO



UNITED STATES PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450
www.uspto.gov

Date

April 2, 2008

Resubmit Cert. of Corr Request: 5-2-08^{10k}

Patent No. :7,220,658
Inventor(s) :Benjamin A. Haskell et al.
Issued :May 22, 2007
Title :GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY
:HYDRIDE VAPOR PHASE EPITAXY
Docket No. :G&C 3079,93-US-WO
4

Re: Request for Certificate of Correction

Consideration has been given your request for the issuance of a certificate of correction for the above-identified patent under the provisions of 37 CFR 1.322 and/or 1.323.

Assignees' names and addresses (assignment data) printed in a patent are based *solely* on information supplied in the appropriate space for identifying the assignment data, i.e., item 3 of the Fee(s) Transmittal Form PTOL-85B. After payment of the issue fee, correction of assignment data submitted on the PTOL-85B can only be done by Certificate of Correction under 37 CFR 1.323, with a request under 37 CFR 3.81(b).

A request for a patent to be corrected to state the name of the assignee must:

- A. state that the assignment was submitted for recordation as set forth in 37 CFR 3.11 before issuance of the patent;
- B. include a request for a certificate of correction under 37 CFR 1.323 along with the fee set forth in 37 CFR 1.20(a); and
- C. include the processing fee set forth in 37 CFR 1.17(i).

If the request is granted, Certificates of Correction Branch will be notified that a Certificate of Correction may be issued.

See Manual of Patent Examining Procedure, Section 1481.01 (Rev. 3) (Oct. 2005).

Applicant has not included items A and or C above, accordingly, the request for Certificate of Correction to add or change the assignee data is dismissed.

Any request under 37 CFR 3.81(b) should be directed to the following address or facsimile number:

By mail: Mail Stop PETITIONS
Commissioner for Patents
Post Office Box 1450
Alexandria, VA 22313-1450

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APR 7 2008
RKA

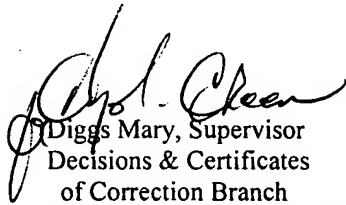
Gates & Cooper LLP

By hand: Customer Service Window
Randolph Building
401 Dulany Street
Alexandria, VA 22314

By fax: 571-273-8300
ATTN: Office of Petitions

If a fee (currently \$100) was previously submitted for consideration of a Request for Certificate of Correction, under CFR 1.323, to correct assignment data, no additional fee is required.

Any inquiry concerning this communication should be directed to Ms. A. Green at (703) 308-9380 ext. 123.


Diggs Mary, Supervisor
Decisions & Certificates
of Correction Branch

(703) 308-9390 or (703) 308-9380 ext. 123

Gates & Cooper, LLP
George H. Hates
6701 Center Drive West,
Ste 1050
Los Angeles, CA 90045A

CBN/arg



64c 30794.93-WO-U1
64c 30794.93-US-P1
UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
OF PATENTS AND TRADEMARKS
Washington, D.C. 20231



500018494

JANUARY 27, 2005

PTAS

DARLENE ROSS
6701 CENTER DRIVE WEST, SUITE 1050
LOS ANGELES, CA 90045

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 01/26/2005

REEL/FRAME: 015609/0839
NUMBER OF PAGES: 2

BRIEF: ASSIGNMENT OF 50% INTEREST

ASSIGNOR:

THE REGENTS OF THE UNIVERSITY OF
CALIFORNIA

DOC DATE: 01/19/2005

ASSIGNEE:

THE JAPAN SCIENCE AND TECHNOLOGY
AGENCY
4-1-8, HONCHO, KAWAGUCHI CITY
SAITAMA PREFECTURE, JAPAN 332-0012

SERIAL NUMBER: 60433843

FILING DATE: 12/16/2002

PATENT NUMBER:

ISSUE DATE:

TITLE: GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY
HYDRIDE VAPOR PHASE EPITAXY

RECEIVED
JAN 27 2005

on
Gates & Cooper LLP

015609/0839 PAGE 2

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US0321918
TITLE:

FILING DATE:
ISSUE DATE:

DIANE RUSSELE, PARALEGAL
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

01/26/2005
500018494

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	Assignment of 50% interest
CONVEYING PARTY DATA	
Name	Execution Date
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	01/19/2005
RECEIVING PARTY DATA	
Name:	THE JAPAN SCIENCE AND TECHNOLOGY AGENCY
Street Address:	4-1-8, Honcho, Kawaguchi City
City:	Saitama Prefecture
State/Country:	JAPAN
Postal Code:	332-0012
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	60433843
PCT Number:	US0321918
CORRESPONDENCE DATA	
Fax Number:	(310)641-8798
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	310-641-8797
Email:	dross@gates-cooper.com
Correspondent Name:	Darlene Ross
Address Line 1:	6701 Center Drive West, Suite 1050
Address Line 4:	Los Angeles, CALIFORNIA 90045
NAME OF SUBMITTER:	George H. Gates
Total Attachments: 1 source=Page0001#page1.tif	

CH \$80.00 60433843

ASSIGNMENT

U.C. Case No. 2003-224

G & C Case No. 30794.93

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, hereby sells, assigns and transfers to ASSIGNEE, THE JAPAN SCIENCE AND TECHNOLOGY AGENCY, a statutory corporation of the Japanese government, having its principal offices located at 4-1-8, Honcho, Kawaguchi City, Saitama Prefecture, 332-0012, Japan, and the successors, assigns and legal representatives of the ASSIGNEE, an undivided one-half (1/2) or fifty percent (50%) interest in and to the following patent applications:

U.S. provisional application serial no. 60/433,843, filed on December 16, 2002, by Benjamin A. Haskell, Michael D. Craven, Paul T. Fini, Steven P. DenBaars, James S. Speck and Shuji Nakamura, and entitled GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY HYDRIDE VAPOR PHASE EPITAXY;

P.C.T application serial no. US03/21918, filed on July 15, 2003, by Benjamin A. Haskell, Michael D. Craven, Paul T. Fini, Steven P. DenBaars, James S. Speck, and Shuji Nakamura, and entitled GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY HYDRIDE VAPOR PHASE EPITAXY; and

and any legal equivalent thereof in any country, including the right to claim priority and, in and to, all Letters Patent to be obtained therefor, and any continuation, division, continuation-in-part, extension, conversion to 35 U.S.C. §111(a) or substitute thereof, and any reissue, reexamination or extension of said Letters Patent and all rights under all International Conventions for the Protection of Industrial Property;

Executed this 19 day of January, 2005.

Signed:

Name: Linda S. Stevenson

Title: Manager, Patent Prosecution
University of California
Office of Technology Transfer



Receipt is hereby acknowledged for the following in the U.S. Patent and Trademark Office:

Patentee: Benjamin A. Haskell et al.
Patent No.: 7,220,658
Issued: May 22, 2007
Title: GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM
NITRIDE BY HYDRIDE VAPOR PHASE EPITAXY
Docket: G&C 30794.93-US-WO

Date of Mailing: June 27, 2007

- ☒ Transmittal sheet, in duplicate, containing a Certificate of Mailing under 37 CFR 1.8.
- ☒ Request for Certificate of Correction and Certificate of Correction (in duplicate).
- ☒ Charge the Deposit Account in the amount of \$100.00 for the Certificate of Correction fee.
- ☒ Return postcard.

GHG/bjs
G&C 30794.93-US-WO
Patent



UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Benjamin A. Haskell et al.
Patent No.: 7,220,658
Issued: May 22, 2007 Docket: G&C 30794.93-US-WO
Title: GROWTH OF REDUCED DISLOCATION DENSITY NON-POLAR GALLIUM NITRIDE BY
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By: George H. Gates
Name: George H. Gates

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22213-1450

Dear Sir:

We are transmitting herewith the attached:

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Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper LLP. A duplicate of this paper is enclosed.

GATES & COOPER LLP
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: George H. Gates
Name: George H. Gates
Reg. No.: 33,500
GHG/bjs



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patentee: Benjamin A. Haskell et al.
Patent No.: 7,220,658
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By: [Signature]
Name: George H. Gates

Attn: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

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- ☒ Return postcard.

Please charge all fees to Deposit Account No. 50-0494 of Gates & Cooper. A duplicate of this paper is enclosed.

GATES & COOPER LLP
Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045
(310) 641-8797

By: [Signature]
Name: George H. Gates
Reg. No.: 33,500
GHG/bjs



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.: 7,220,658 Docket: G&C 30794.93-US-WO
Issue Date: May 22, 2007 Patentee: Benjamin A. Haskell et al.
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By: 

Name: George H. Gates

REQUEST FOR CERTIFICATE OF CORRECTION

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

It is requested that a Certificate of Correction be issued correcting printing errors appearing in the above-identified United States patent. Two copies of the text of the Certificate in the suggested form are enclosed.

☐ As some of the errors listed are due to Applicants' mistake, our check in the amount of \$100.00 is enclosed to cover the Certificate fee.

☒ As some of the errors listed are due to Applicants' mistake, please charge the deposit account indicated below in the amount of \$100.00 to cover the Certificate fee.

☐ As none of the errors listed is due to Applicant's mistake, no fee is necessary in connection with this Certificate.

Issuance of the Certificate of Correction would neither expand nor contract the scope of the claims, and re-examination is not required.

G&C 30794.93-US-WO

Please charge any additional fees or credit any overpayment to Deposit Account

No. 50-0494 of Gates & Cooper LLP.

Respectfully submitted,

Benjamin A. Haskell et al.
By their attorneys,

GATES & COOPER LLP

Howard Hughes Center
6701 Center Drive West, Suite 1050
Los Angeles, California 90045
(310) 641-8797

Date: June 27, 2007

By: 

Name: George H. Gates

Reg. No.: 33,500

GHG/bjs

DETACH HERE BEFORE MAILING TWO COPIES OF THE CERTIFICATE TO THE PATENT OFFICE

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Here
Only!

PRINTER'S TRIM LINE

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 7,220,658

PAGE 1 of 1

DATED : May 22, 2007

INVENTOR(S) : Haskell et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title page,

Item [73] insert after Assignee: The Regents of the University of California, Oakland, CA (US), --Japan Science and Technology Agency, Kawaguchi City, Saitama Prefecture (JP)--.

MAILING ADDRESS OF SENDER:

Gates & Cooper LLP
Attn: George H. Gates
6701 Center Drive West, Suite 1050
Los Angeles, CA 90045A

PATENT NO. 7,220,658

Docket No. 30579.93-US-WO

No. of add'l copies @ 50¢ per page ⇒ 0